



## Mission Statement

Medical Communications for Combat Casualty Care (MC4) develops, fields and supports a medical information management system for Army tactical medical forces, enabling a comprehensive, life-long electronic medical record for all service members, and enhancing medical situational awareness for operational commanders.



*"Our vision is that MC4 will be the implementing technology that will offer deployed forces the full spectrum of force health protection."*

— Lieutenant General Kevin C. Kiley,  
The Surgeon General and Commanding General,  
U.S. Army Medical Command



## MC4 technology provides...

- Automation for the five medical operational areas for the tactical environment -
  - Health Care Delivery
  - Force Health Protection
  - Medical Command and Control
  - Medical Evacuation
  - Medical Logistics

## Deployable medical forces...

- Electronic Medical Record
- Patient Tracking
- Blood Management
- Medical Logistical Support
- Medical Reporting

## Solutions for contingency operations.

- Medical surveillance
- Medical situational awareness
- Forward casualty resuscitation and treatment information
- Longitudinal electronic medical record

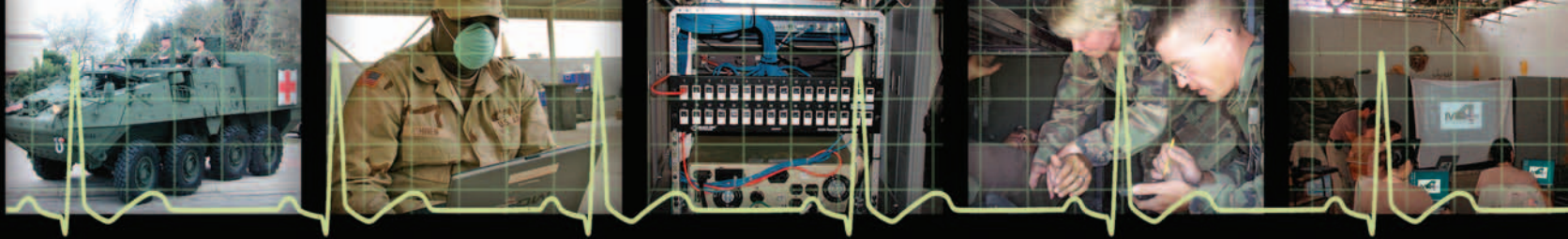


Medical Communications for Combat Casualty Care  
524 Palacky Street  
Fort Detrick, MD 21702  
(301) 619-7858

# Gateway to Medical Information for Deployed Forces







## Background

In 1997, the President of the United States directed the Department of Defense to establish a new Force Health Protection Program to ensure every Soldier, Sailor, Airman and Marine has a comprehensive, life-long medical record of all illnesses and injuries.

In November 1997, Congress passed a law mandating the Department of Defense to develop a medical tracking system for members deployed overseas. Requirements included capturing service members' pre and post deployment medical conditions and treatments received during contingency operations.

In 1999, the Medical Communications for Combat Casualty Care (MC4) program was born. MC4 is the Army tactical program responsible for meeting the Presidential and Congressional objectives.

MC4 was first deployed for a contingency in 2002 to support Operation Iraqi Freedom (OIF) and continues to expand to meet Army priorities with enhanced functionalities.

Headquartered at Fort Detrick, Md., MC4 is under the oversight of Program Executive Office Enterprise Information Systems (PEO EIS), at Fort Belvoir, Va.

## MC4 in Action

MC4 offers deployable medical units a wide range of integrated systems (software and hardware) that bridge

the tactical and sustaining base Information Management and Information Technology health care systems.

MC4 performs systems engineering and integration with Theater Medical Information Program (TMIP) and other software developers to ensure compatibility between software applications and reliable hardware devices, such as ruggedized servers, printers, notebooks and portable handheld devices.

By utilizing this system, relevant medical data flows vertically throughout levels of health care and to joint medical databases. This enables tactical medical forces to



electronically record health services rendered and facilitates theater-wide medical surveillance and trend analysis.

The system also provides pertinent medical information horizontally into the Army Battle Command, Combat Service Support and Communications architecture. As a result, MC4 enables enhanced medical situational awareness for combatant commanders.

## Supporting the Future

The Army recognizes that the MC4 system is an evolving capability required to support current and emerging medical information technologies needed by deployed medical forces.

MC4 is also a complementary system to the Future Combat System (FCS) and the Future Force Warrior System. MC4 will provide an interface to these systems that enables automated assessment and remote monitoring capabilities for deployed medical forces.

MC4 works with its partners to research and test cutting-edge technology for use in theater conditions. MC4 remains committed to producing a comprehensive, expandable system to meet emerging medical information needs.

*For more information on MC4, visit  
[www.mc4.army.mil](http://www.mc4.army.mil).*